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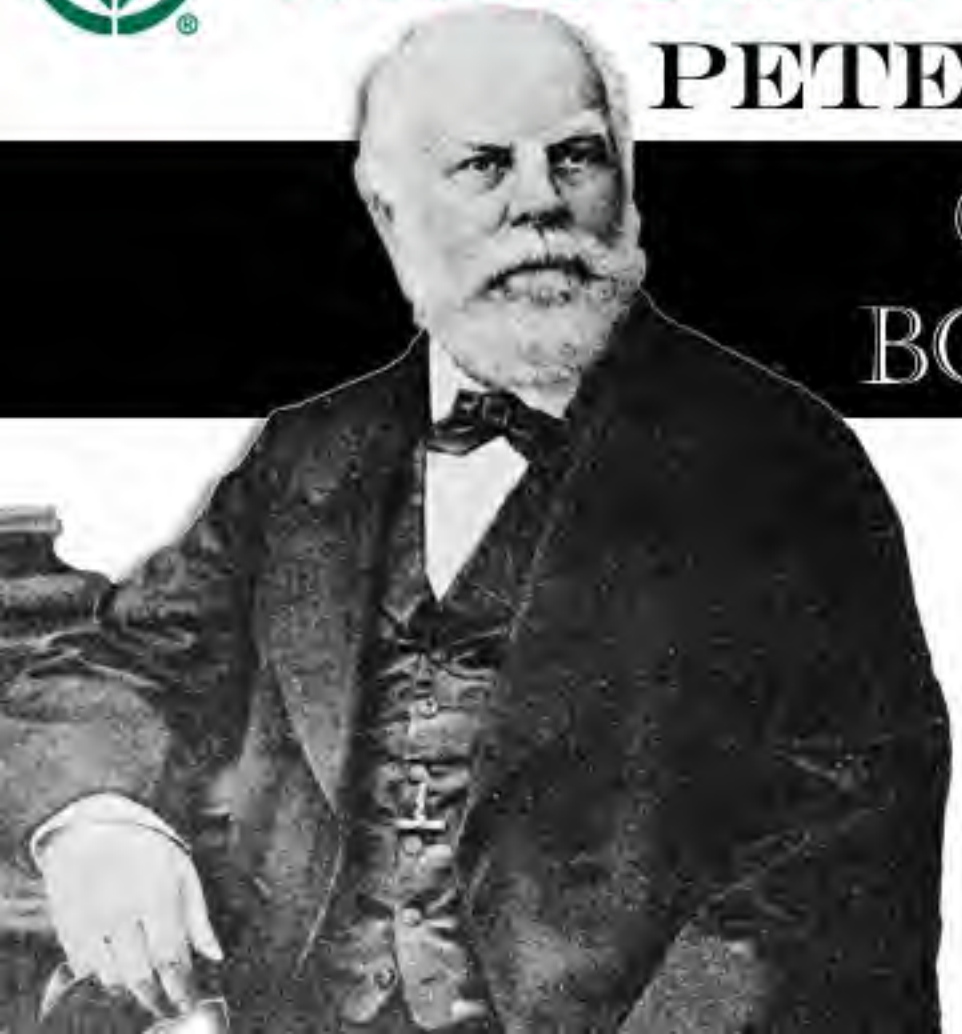

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Cereus enneacanthus

June 5 186

El Paso

H.B. Missour.

×412

Pollen

smooth

globular

×4

×30

back of anther

2070

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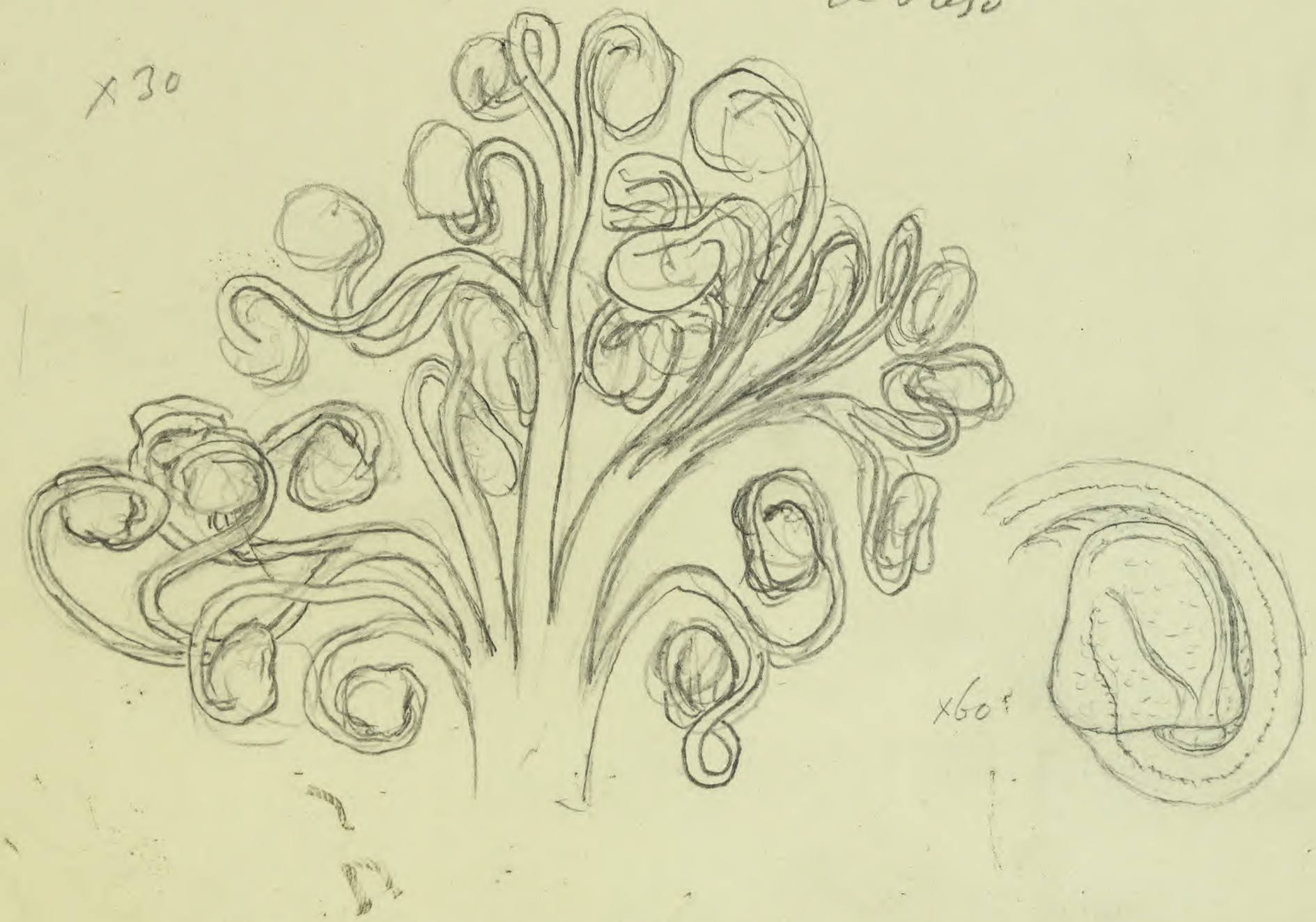
Cevea amaranthus
El Paso

June 5 1864

×30

2071



×60

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Cereus subinermis
Hort Lemke

spikes 7
a young
dark green
plant

Spikes 4 on
old plant.

Matschenker Hof 2072
Hotel Meisel von Muskau

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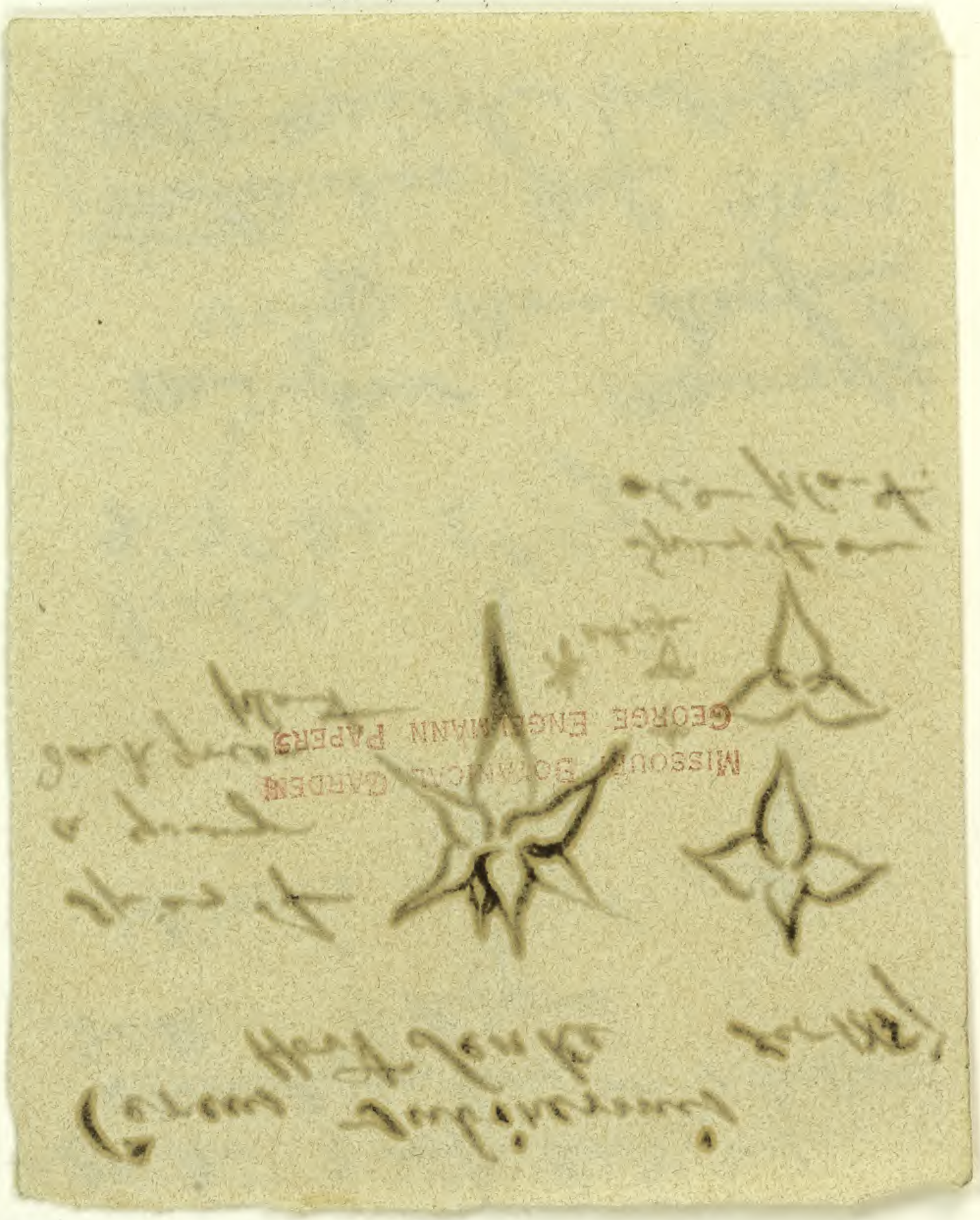

Cercus proximalis ?

Frankfurt
auf der Douane, Juli 1858

5 Kelche, 5–6 Blumen, 3 ohne
Frucht, 3 ohne Carpophor, 2 mit
Früchten. * der Kelch
2. Blüte mit 5 Kelch-
blätter.
Blüte groß, wie der Perpen-
dikulum, Früchte 11–12
Samen. Kurbs.

2073

Ovar mit 5 Furchen
mit 5 fruchtbaren
Staub- & 5
einfache Narben
an der Blüte

4 Nap 37 20
1 45
4
44 50

Staphylea

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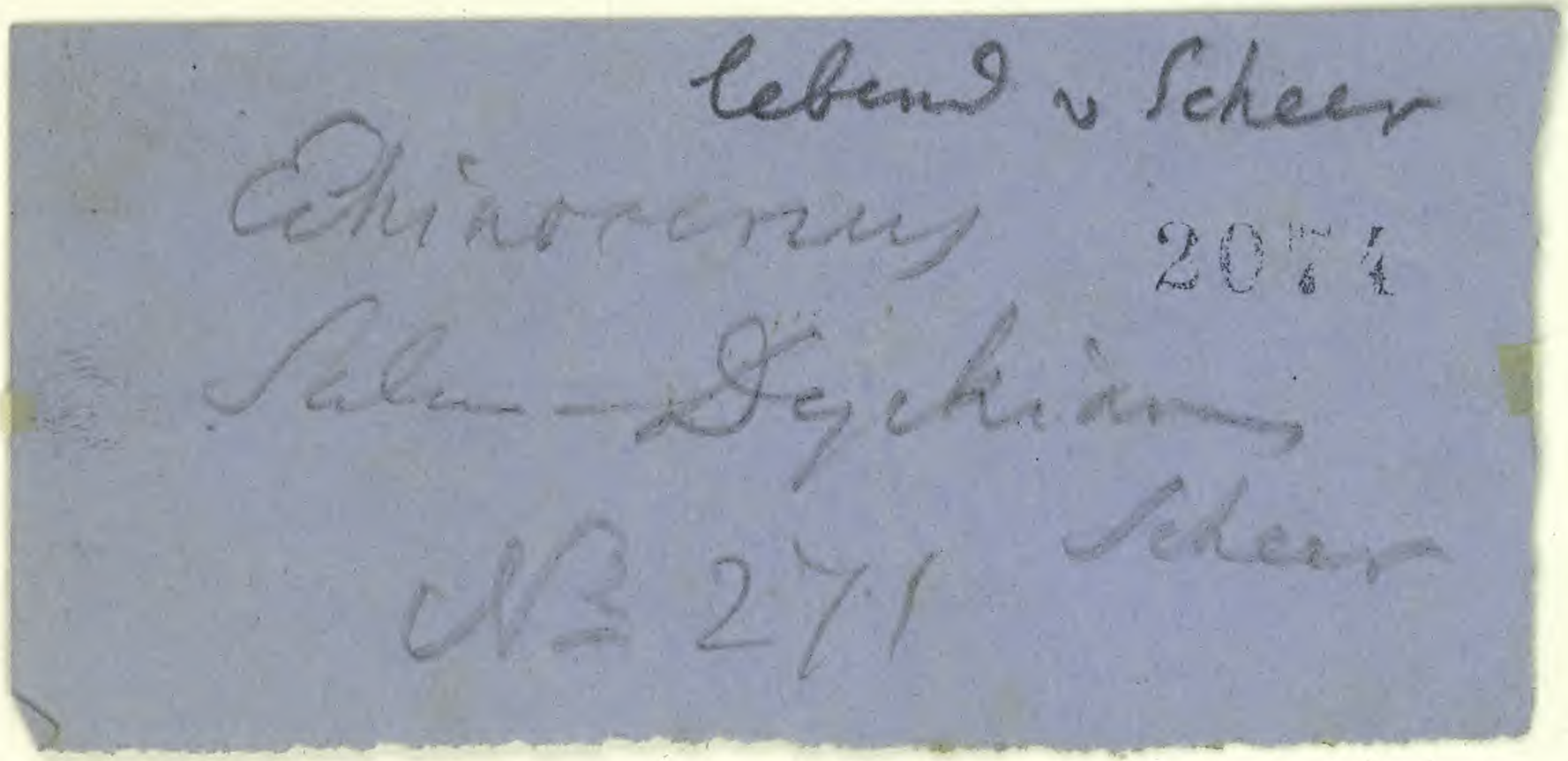

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Cereus Blankii Poselg. a healthy stout plant; 6 ribs, 8 white radial spines; 4 central spikes, the 3 uppermost dark or black, shorter, the lowest one white, elongated.

Hort Senke, Leipsj Oct 1857

2075

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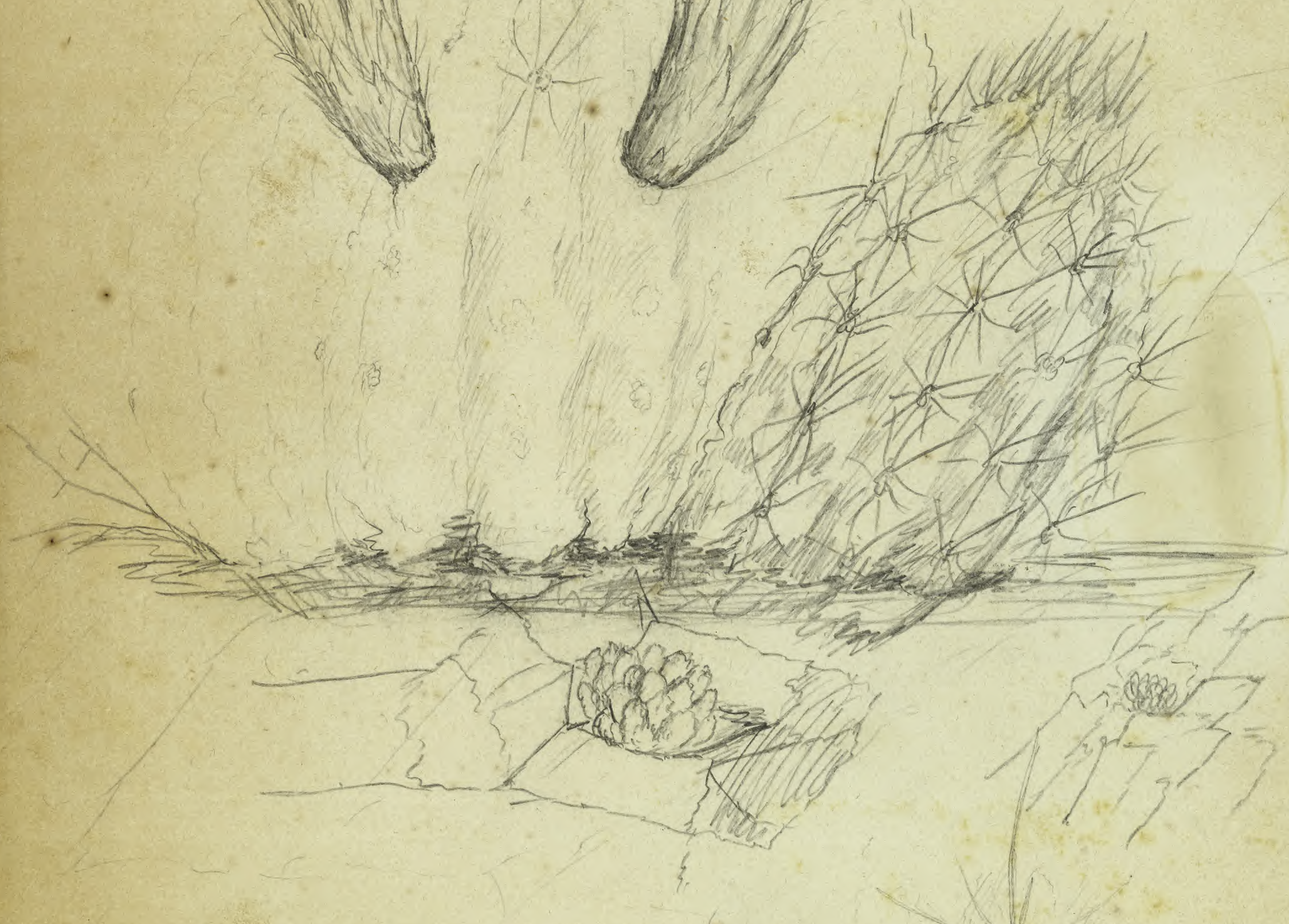
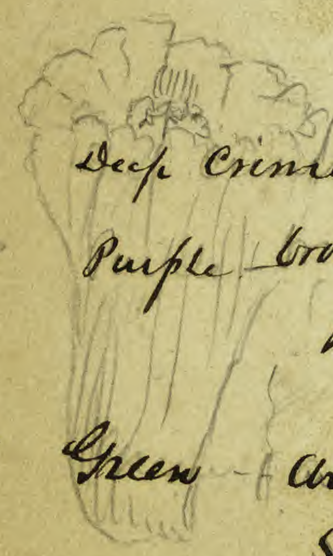
First seen in Central Mt.
Thence. Common to rocky
Little. Colorado.

C





F Deep Crimson

F Purple Crimson Crimson
green & Crimson

F Green Anthers deep Crimson velvety
Stigmas Pale green

2076

Cereus convidens Lag & Rig.

Echinocactus glomerata ? —
C. 97 — May 16 —
N Newberry 1858

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909-925

Lepidozeria

Physalis Alkekengi L.

Spr I, 697
RH, 169

Europ med

In vineis circa
Serkbach, Bergen 1825
(FK)

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Cereus chilensis, Pfeiffer

U.S. Explorg Exped. Valparaiso 1839.

flower apparently new *C. Thurberi*

vide pag 166.

but that has obtuse sepals & petals
and the number of sepals of the
tube is much smaller

2077

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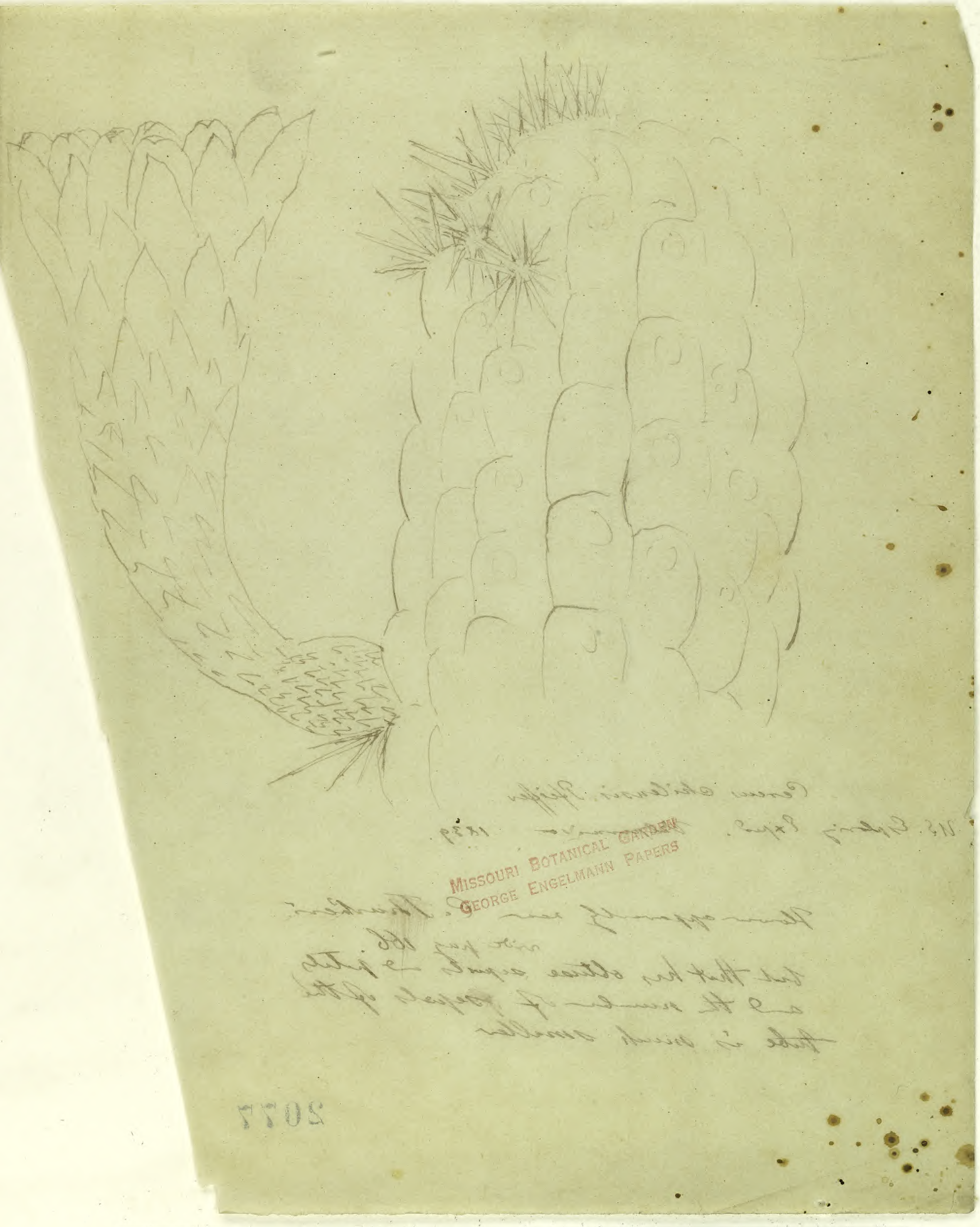

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im. et physiolog. su... ...nroxylum coca du Perou, et la cocaine, Leclerc, Paris,—and BINZ "on the nature of the action of quinine," Hirschwald, Berlin. Dr. BENEDIKT, of Vienna, has written a work on "*Electrotherapy*," 8vo, Vienna, to be complete in two parts: and Churchill & Sons, London, have issued a pamphlet by Dr. ALTHAUS, "on the use of *galvanism and electro-magnetism* in medicine and surgery."

Chemical investigations on "leaden utensils for the water in domestic use" have been published by an author well known by previous writings on toxicological topics, Dr. L. PAPPENHEIM,—Hirschwald, Berlin.

The aged Prof. JULIUS VOGEL is preparing a work on "*the art of living*," a guide to the preservation of bodily and mental health and the attainment of a long life,—with numerous illustrations, to be complete in eight numbers, 8vo.—It is probably intended for the general public, although we may predict that it will be thoroughly scientific and compete in practical worth with Hufeland's classical volume on the same subject. The first part has appeared in Leipzig.

The U. S. Sanitary Commission have published (Hurd & Houghton, N. Y.,) an important collection of essays entitled "Contributions relating to the causation and prevention of disease and to camp diseases, together with a report of the diseases, etc., among the prisoners at Andersonville, Ga.,"—edited by Dr. AUSTIN FLINT, 1 vol., 8vo. A similar volume containing "Contributions relating to the surgery of the war,

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[illegible] wise the law appears to be thoroughly elabo[illegible]
author.

Our opinion of this measure, excepting the above mentioned clauses, is well expressed in the words of Dr. SAMUEL ADAMS, in the Morgan Co. Med. Society: "I am inclined to give this law my approval without being very hopeful of the success of such legislation."

The fungus of Favus.—In our remarks on a case of favus reported in the January number we stated that Dr. TILBURY FOX of London believed the fungi of favus, herpes, etc, to be different stages and modifications of development of *Aspergillus*, whereas an experiment of cultivation of our own yielded an abundant crop of *Penicillium*,—a result confirmed by some other authors. We are happy to find that the apparent difference is readily reconciled. In a letter dated May 5, 1868, Dr. Fox writes to us:

"I have read with much interest your case of favus; but wish to point out that I use the words Penicillium and Aspergillus as synonymous, because they only differ in the fact of one having a receptacle or placenta (Aspergillus), and the other being without it. In fact, in my germinations I have seen the two forms on one and the same mycelial base."

We may have occasion to refer to this letter again. At this time we wish merely to make this correction, and to acknowledge the receipt of two valuable pamphlets by the same author, with our best thanks. G. B.

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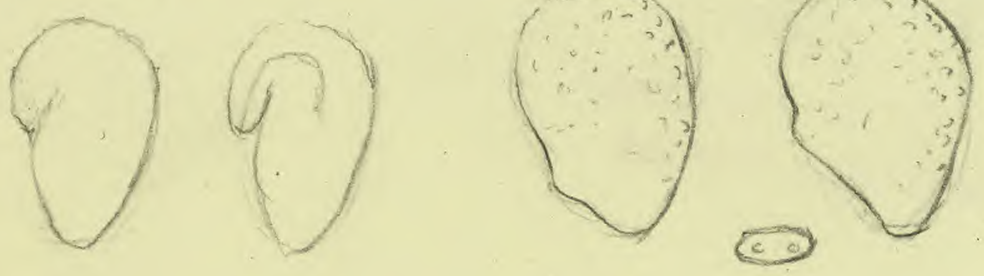
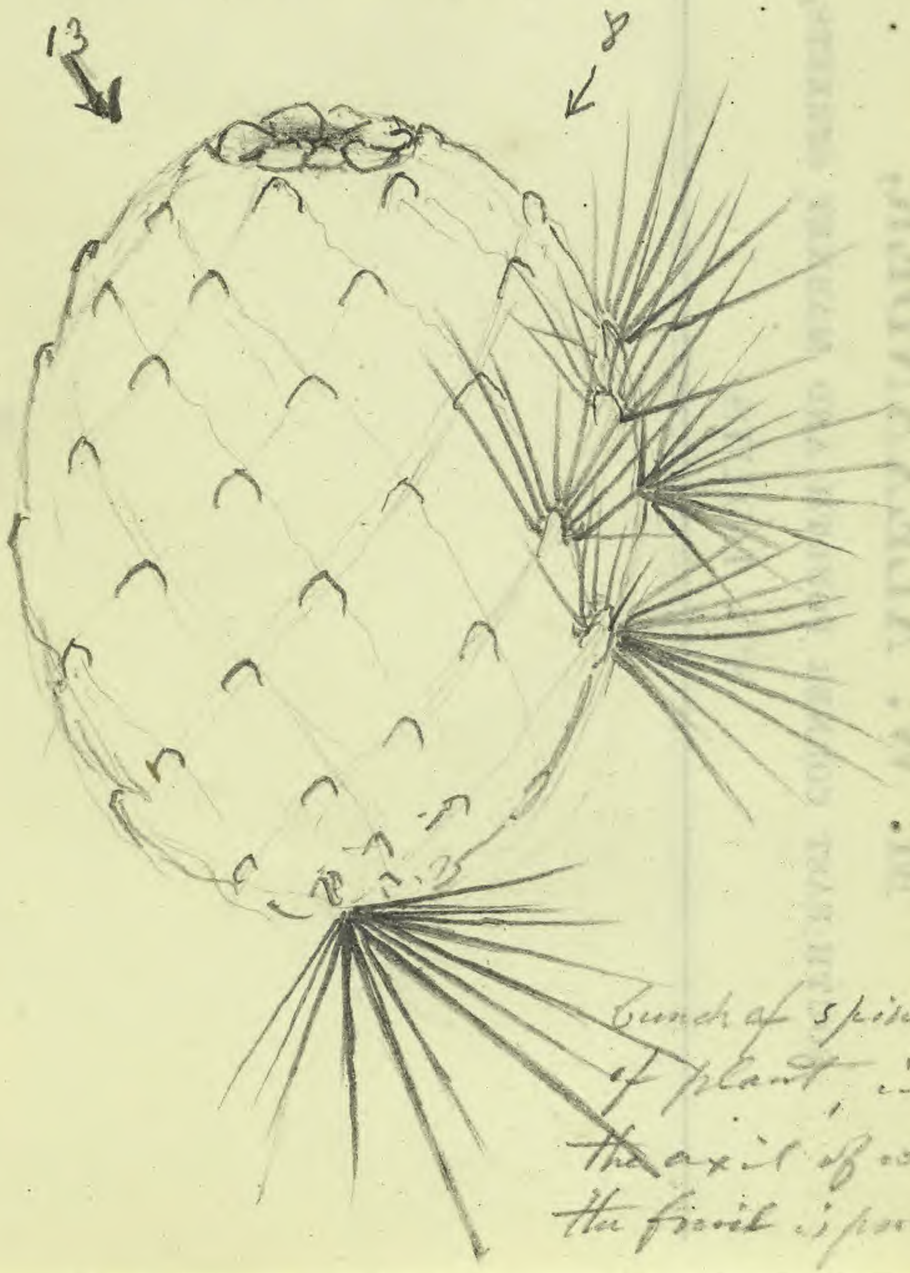
Cereus Thurberi

March 16 1870

Pitahaya, Sonora, Dr E Palmer 1869





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2078

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2079

Cereus Thurberi Engelm.

"Pitahaya" Sonora D. E. Palmer 1869

A fruit and a bunch of spines at its base

fruit oval 5/2 × 4/2 cent (2¼ × 1¾ inches)
with small radiately marked (7–8 ribbed)
umbilicus slightly depressed in center.

areolae close set, over 100 in 13/34 arranged
ovate triangular depuls bearing brown
wool in axil and a bunch of 10–15 acicular
spines 1–1¾ cent long. Spines easily brushed off

R and 13 spirals most prominently

At the base of the fruit is a bunch of spines
(bearing in its axil the fruit) of 13 spines
straight acicular, dark, 1–2½ cent long.

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